MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

September, 1945

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

STEPMBER 1945

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8.30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	57.1	56.8	57.6	57.2	33.4	24.0	27.1	33.0	27.7	29.3
2	8.5	9.5	7.5	8.5	33.5	23.9	27.8	33.3	27.7	29.6
3	7.4	7.3	6.7	7.1	34.8	24.7	27.7	32.6	28.3	29.5
4	5.8	5.6	5.2	5.5	34.6	24.4	27.8	33.9	29.0	30.2
5	6.1	6.2	6.2	6.2	34.4	24.4	29.3	33.8	28.5	30.5
6	56.2	56.5	56.4	56.4	34.2	24.6	28.7	33.7	28.1	30.2
7	7.2	6.9	7.3	7.1	33.8	23.9	29.4	33.1	28.2	30.2
8	6.8	6.4	6.8	6.7	33.3	23.4	27.8	32.8	27.3	29.3
9	6.7	6.4	6.9	6.7	33.3	22.8	27.2	32.2	28.2	29.2
10	9.0	8.5	8.1	8.5	33.5	22.8	28.2	31.3	27.4	29.0
11	58.3	58.9	59.0	58.7	33.9	23.9	26.7	32.1	27.7	28.8
12	9.1	8.6	8.9	8.9	33.8	23.3	28.3	32.0	27.8	29.4
13	9.4	9.1	9.7	9.4	33.2	22.9	28.9	32.2	26.6	29.2
14	9.8	9.2	8.8	9.3	32.6	24.0	28.7	32.3	26.9	29.3
15	9.6	9.3	9.4	9.4	31.7	21.9	26.7	30.9	26.7	28.1
16	59.4	59.2	59.4	59.3	31.2	21.2	27.2	30.9	26.7	28.3
17	9.9	9.3	8.2	9.1	31.2	22.8	25.5	30.5	26.7	27.6
18	8.1	7.0	7.1	7.4	34.4	22.5	28.3	30.9	25.6	28.3
19	8.1	8.0	9.3	8.5	31.4	23.4	25.5	30.9	27.3	27.9
20	9.1	8.8	9.0	9.0	30.9	23.4	25.6	30.9	25.6	27.4
21	59.0	57.9	58.0	58.3	32.3	23.9	25.2	31.5	26.2	27.6
22	7.9	7.6	8.2	7.9	31.1	22.9	26.4	31.1	25.8	27.8
23	8.3	7.9	8.2	8.1	31.3	22.3	25.1	30.7	25.0	26.9
24	8.9	8.3	8.7	8.6	30.7	22.0	24.3	30.1	24.6	26.3
25	9.3	9.0	9.2	9.2	31.0	22.3	23.9	30.8	25.6	26.8
26	59.8	59.3	60.2	59.8	30.6	21.9	24.1	29.8	24.8	26.2
27	9.3	8.7	59.2	9.1	31.4	22.4	24.0	29.2	26.1	26.4
28	8.5	7.9	8.1	8.2	31.7	23.3	25.5	30.7	26.1	27.4
29	8.9	8.5	9.1	8.8	31.1	23.3	25.1	30.7	25.1	27.0
30	60.2	60.1	60.8	60.4	27.9	23.4	25.7	29.4	24.8	26.6
	58.38	58.08	58.24	58.24	32.46	23.19	26.72	31.57	26.73	28.34

Barometer, range for month 755 2 – 760.8 mm.
,, 62-yr. average for month 758.48 mm.
Thermometer, range for month 21.2°C. — 34.8°C
,, 62-yr. average for month 27.17° C.
Rain, total for month 0.00 m.m.
,, 62-yr. average for month 6.60 m.m.
,, Total, Sept. 1st. to end of month 0.00 mm..
,, 62-yr. average, Sept. 1st. to end of month 6.60 mm.
* Beirut Summer Time

SEPTEMBER 1945

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	20.1	20.4	22.3	20.9	77	54	80	70	10.6	113.0	
2	20.7	20.1	19.6	20.1	75	52	70	66	9.0	105.0	
3	21.3	20.6	20.5	20.8	78	56	72	69	10.6	122.0	
4	20.1	21.8	23.7	21.9	72	56	79	69	7.6	129.0	
5	23.6	21.2	21.6	22.1	79	53	75	69	9.6	180.0	
6	17.9	25.3	18.7	20.7	61	65	66	64	7.8	225.0	
7	17.9	19.5	18.4	18.6	60	51	65	59	10.3	180.0	
8	16.8	16.7	18.2	17.2	60	44	68	57	10.2	193.0	
9	19.2	19.7	18.5	19.1	72	55	65	64	8.2	209.0	
10	20.7	19.6	19.7	20.0	75	57	73	68	9.1	145.0	
11	19.8	14.9	20.0	18.2	76	41	73	63	9.7	161.0	
12	17.1	17.1	18.2	17.5	64	48	66	59	9.0	121.0	
13	17.8	17.9	19.7	18.5	59	50	76	62	9.3	435.0	
14	18.1	17.0	16.9	17.3	62	47	64	58	6.2	257.0	
15	19.4	15.7	18.5	17.9	72	46	71	63	6.8	837.0	
16	19.3	16.2	18.6	18.0	72	48	71	64	8.3	290.0	
17	15.3	16.1	17.4	16.3	63	49	67	60	9.1	257.0	
18	14.7	16.7	15.6	15.7	51	50	64	55	10.0	124.0	
19	15.9	17.0	18.7	17.2	65	51	69	62	10.0	120.0	
20	16.4	16.9	16.1	16.5	67	51	67	62	10.0	382.0	
21	15.8	16.9	17.3	16.7	67	49	69	62	9.1	296.0	
22	17.7	18.7	17.4	17.9	69	55	70	65	9.6	212.0	
23	16.1	18.2	17.8	17.4	69	55	75	66	9.5	198.0	
24	16.3	16.5	17.1	16.6	73	52	74	66	9.7	238.0	
25	14.3	16.7	17.2	16.1	64	50	71	62	9.5	328.0	
26	14.8	17.6	15.1	15.8	65	56	65	62	9.0	167.0	
27	15.7	17.8	18.1	17.2	70	59	71	67	9.4	433.0	
28	19.6	19.6	20.1	19.8	80	59	80	73	9.4	266.0	
29	18.1	19.1	18.8	18.7	77	57	79	71	9.3	346.0	
30	17.3	17.0	16.3	16.9	70	56	70	65	9.2	110.0	
	17.89	18.28	18.53	18.25	68.8	52.4	70.8	64.0	9.17	239.3	

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936

SEPTEMBER 1945
METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	8cu	2.7	1sw	1nw	1nw	calm	
2	7cu	6cu	0	4.3	1sw	1sw	1sw	„	
3	0	0	0	0.0	1sw	2sw	1sw	„	
4	10cu	5ci	0	5.0	1sw	1sw	1sw	„	
5	7ci	0	0	2.3	1sw	1sw	1sw	„	
6	8cu	4cu	3cu	5.0	2sw	1sw	2sw	slight	
7	0	3ci	0	1.0	2sw	2sw	2sw	„	
8	0	0	0	0.0	1s	2s	2s	calm	
9	4ci	5ci	0	3.0	1s	2s	1s	„	
10	3ci	2ci	0	1.7	1se	2se	1se	„	
11	0	0	0	0.0	1se	2se	1se	calm	
12	0	0	9cu	3.0	1s	1s	0	„	
13	0	0	0	0.0	2s	2s	1s	„	
14	7ci	9cu	5cu	7.0	0	2s	2s	„	
15	7ci	9cu	0	5.3	1sw	2sw	1sw	slight	
16	4cu	0	0	1.3	1sw	0	1sw	calm	
17	0	0	0	0.0	1e	1e	1e	„	
18	0	0	0	0.0	1se	1se	0	„	
19	0	0	0	0.0	0	2nw	1nw	light	
20	0	0	0	0.0	0	1nw	0	calm	
21	0	0	0	0.0	0	1n	0	calm	
22	5cu	0	0	1.7	1ne	1nw	0	„	
23	0	0	0	0.0	0	1nw	0	light	
24	2cu	1cu	0	1.0	1sw	2w	0	„	
25	0	0	8cu	2.7	0	2nw	0	calm	
26	0	2cu	0	0.7	0	2nw	1nw	calm	
27	0	3cu	9cu	4.0	0	1nw	1sw	„	
28	2cu	1cu	1cu	1.3	1s	1sw	0	light	
29	0	0	0	0.0	1s	1w	1w	„	
30	5cu	1cu	9cu	5.0	1w	1sw	1nw	slight	
				1.90					

* Abbreviations :— G = gale; H = haze; M = mist; T = thunderstorm; D = dew. W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	1	1	3	6	10	1	0	8	30
14:30	1	0	1	3	5	9	2	8	1	30
20:30	0	0	1	2	4	9	1	4	9	30
Totals	1	1	3	8	15	28	4	12	18	90

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 1.2 days